

LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		A	RELEASED ECO-14-003627	11APR2014	LAW	EB	
			B	REVISED PER ECO-15-012666	07DEC2015	JY	SH	
			C	REVISED PER ECO-16-002221	18FEB2016	KQ	SH	

⚠ SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.

⚠ PITCH BETWEEN PORTS OF ONE 1X2 CAGE ASSEMBLY.

⚠ SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.

⚠ REFERENCE APPLICATION SPEC 114-_____ FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

⚠ UNPLATED THRU HOLE.

⚠ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

⚠ DATUM A IS TOP SURFACE OF PC BOARD.

⚠ DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.

MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.45mm
DOUBLE SIDED = 2.2mm

⚠ MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.

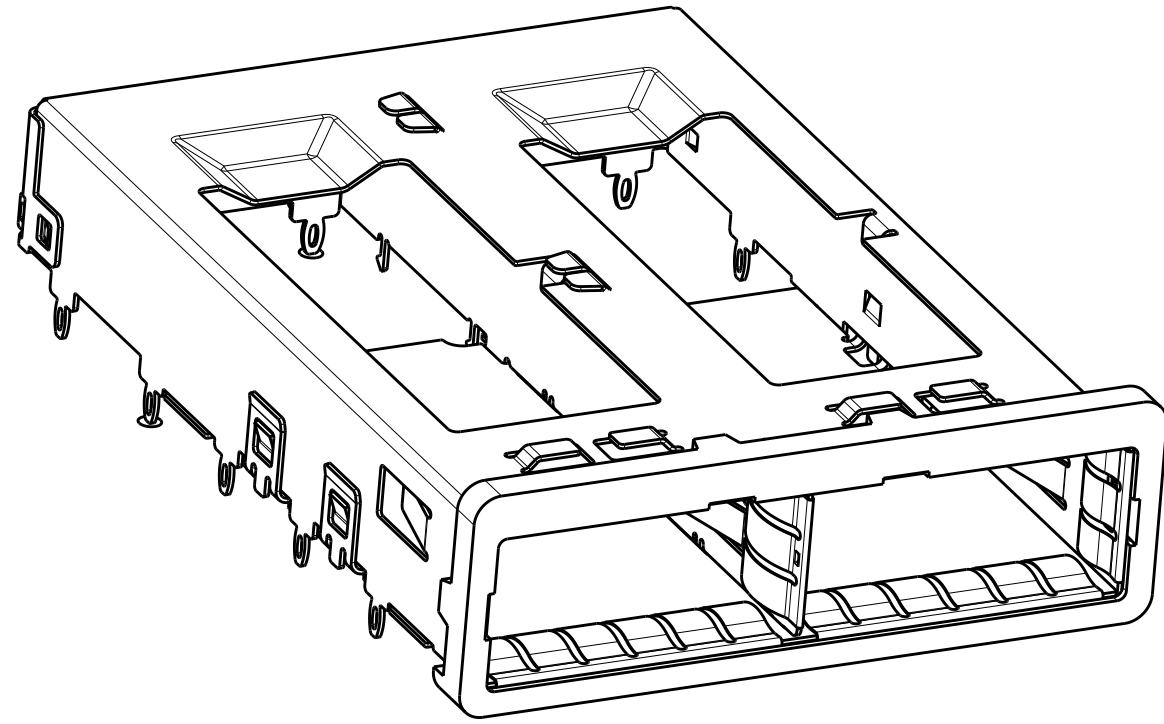
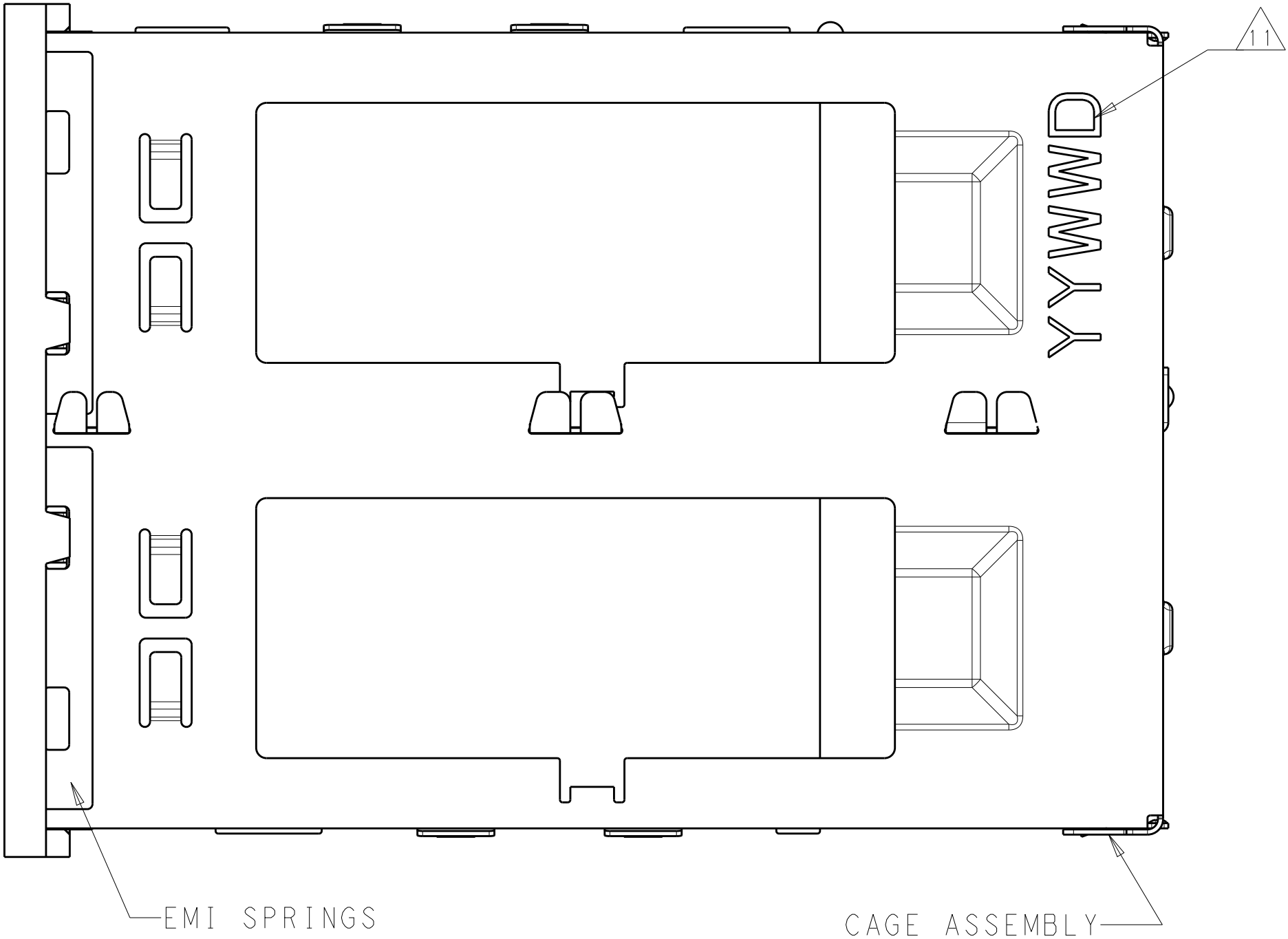
⚠ BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.

⚠ DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.

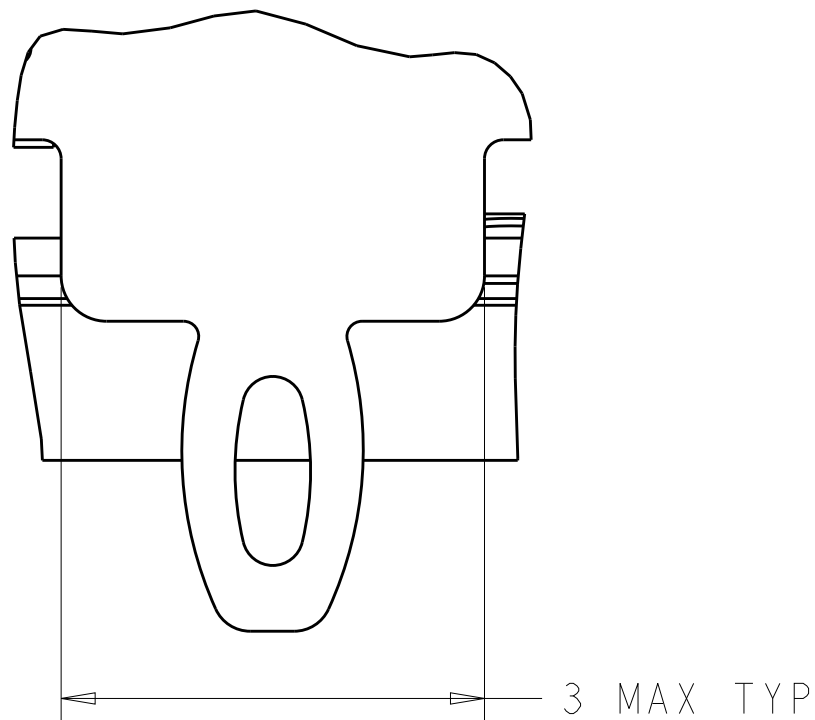
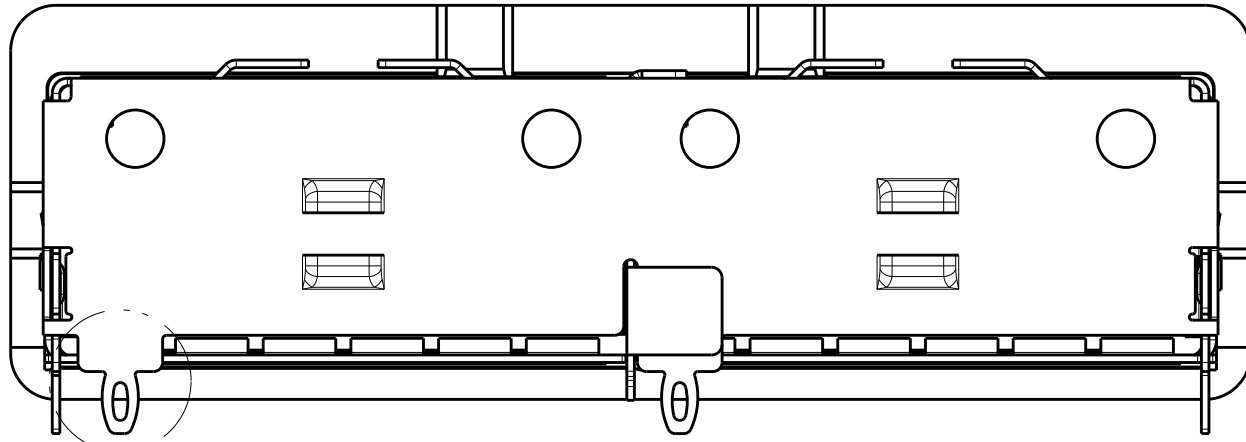
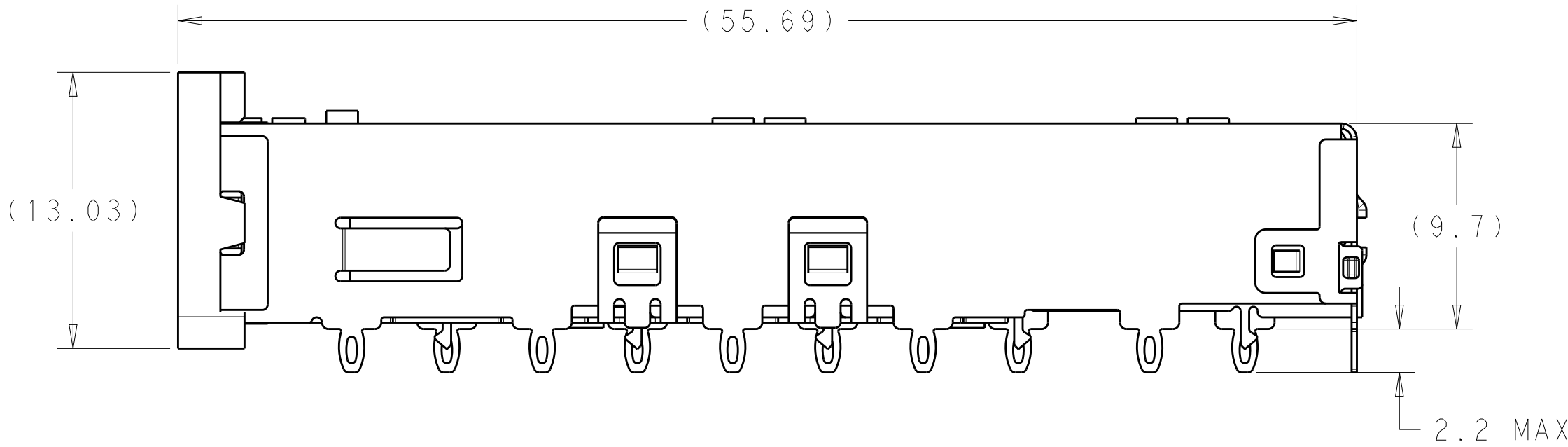
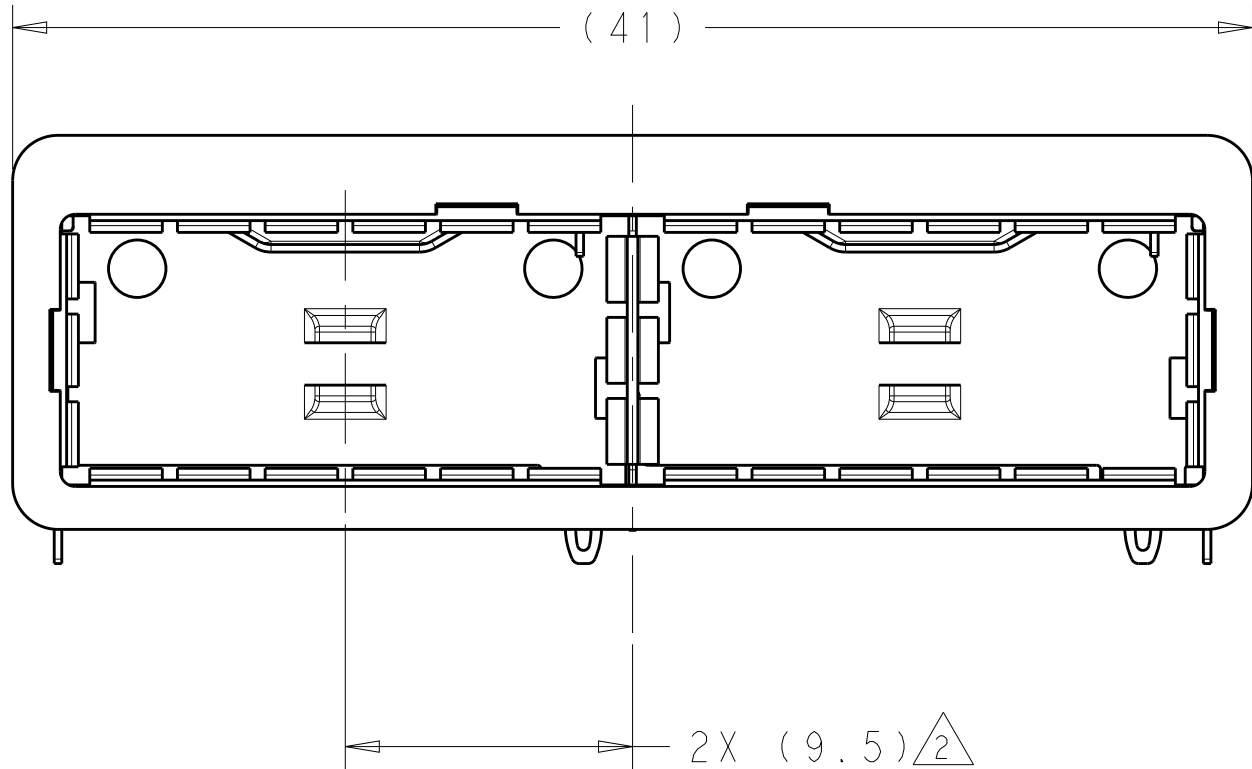
⚠ REFERENCE APP SPEC 114-_____ FOR GASKET THICKNESS CALCULATION.

⚠ MATERIAL:
CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
EMI SPRINGS: COPPER ALLOY
FRONT FLANGE: ZINC ALLOY

⚠ FINISH:
EMI SPRINGS: 2µm MINIMUM TIN
FRONT FLANGE: 3µm MINIMUM TIN OVER 1.27µm MINIMUM NICKEL OVER 5.08µm MINIMUM COPPER.

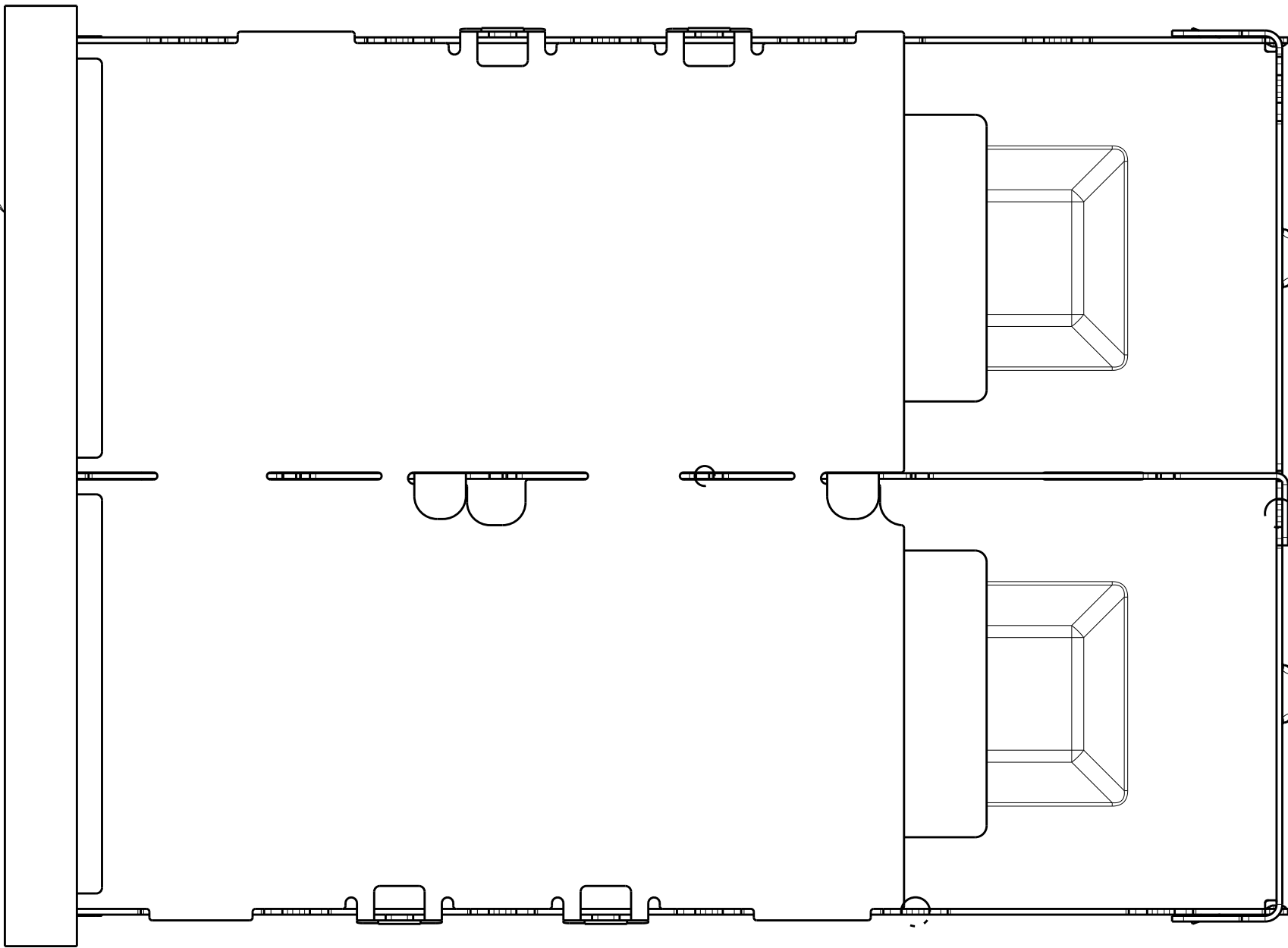


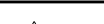
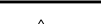
ISOMETRIC VIEW
SCALE 5:2



DETAIL S ⚠
SCALE 20:1

FRONT FLANGE

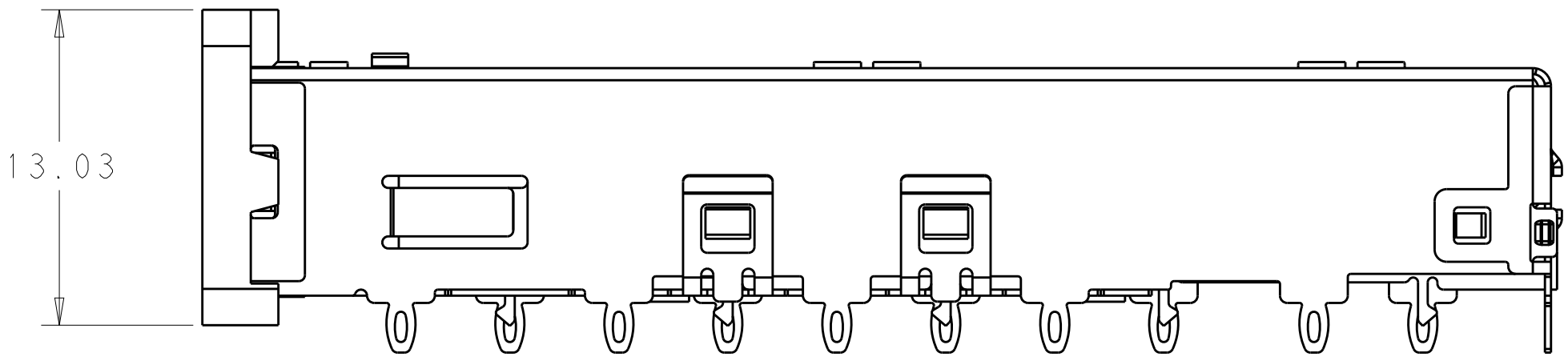


THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009			DWN C. VALENTINE CHK E. BRIANT APVD F. BRIANT	22FEB2013 22FEB2013 22FEB2013	 TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	1X2 CAGE ASSEMBLY, BEHIND BEZEL, QSFP28			
		0 PLC ±0.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±0.0001		PRODUCT SPEC 108-19428				
MATERIAL		FINISH		APPLICATION SPEC 114-32023	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
				WEIGHT -	A1	00779	C=2227104	-
Customer Drawing				SCALE 4:1 SHEET 1 OF 5 REV C				

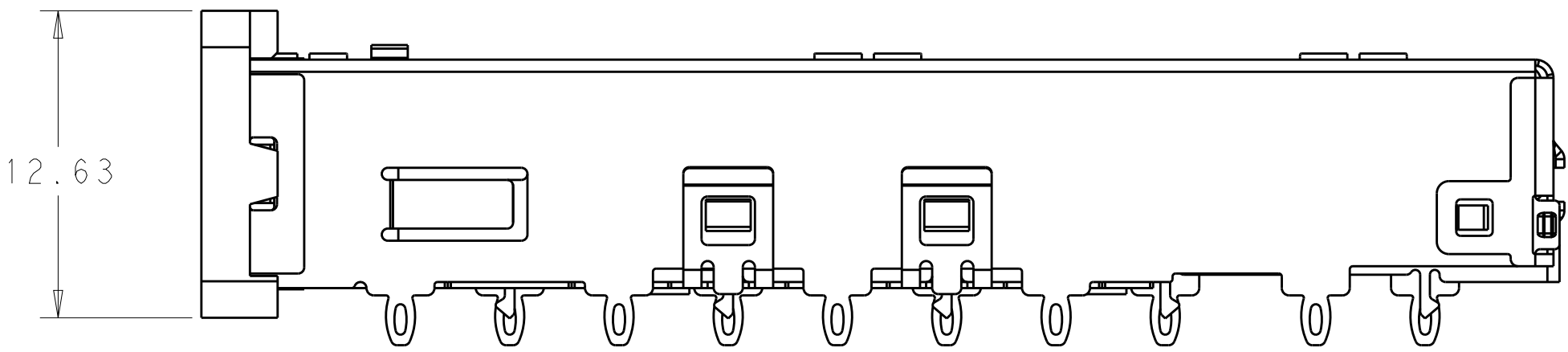
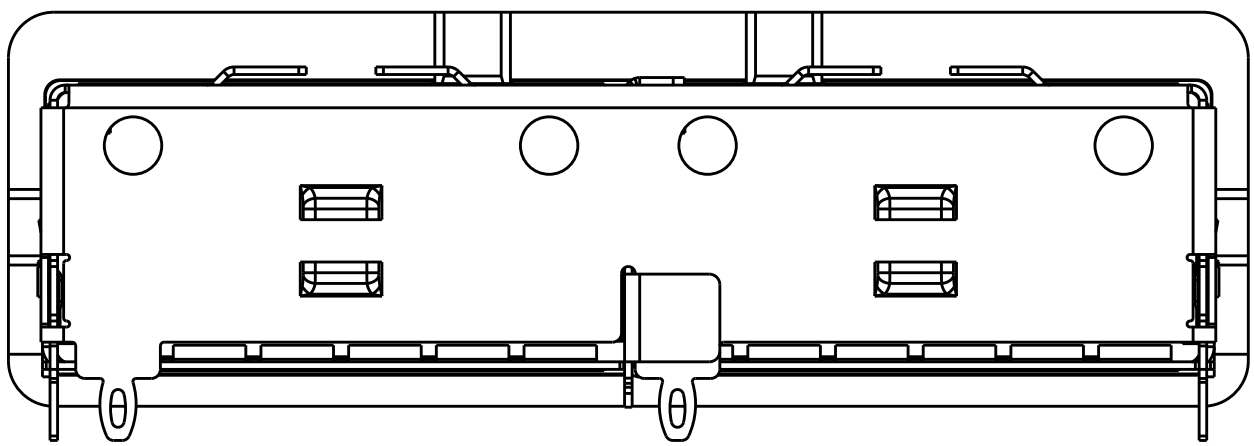
2227104-5
2227104-1
PART
NUMBER

TE Connectivity

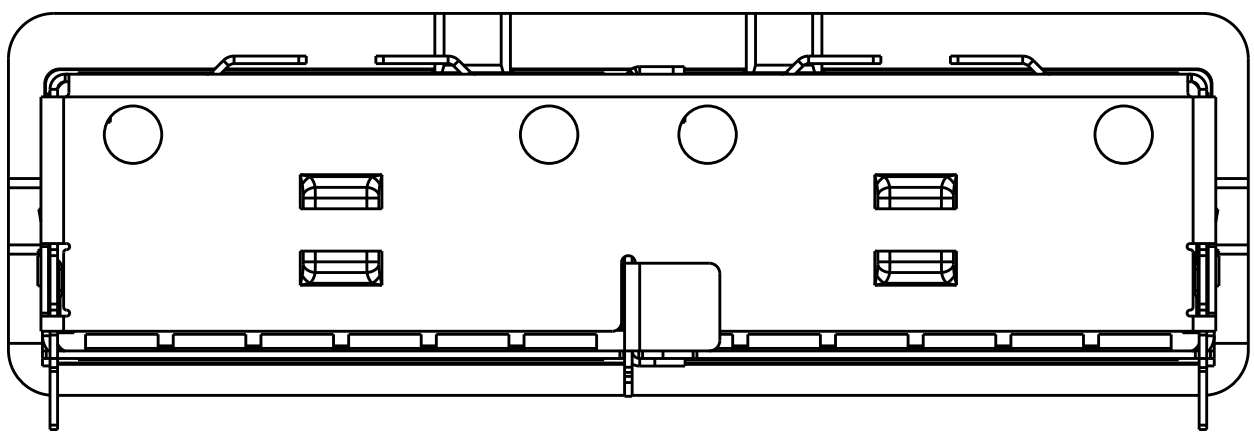
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD



2227104-1
SCALE 4:1



2227104-5
SCALE 4:1



THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING
PER ASME Y14.5M-2009

DIMENSIONS:

mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.5
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±.5
FINISH

MATERIAL

DWN
C. VALENTINE
CHK
E. BRIANT
APVD
E. BRIANT

22FEB2013
22FEB2013
22FEB2013

PRODUCT SPEC
108-19428
APPLICATION SPEC
114-32023
WEIGHT
-

NAME
1X2 CAGE ASSEMBLY, BEHIND BEZEL,
QSFP28
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=2227104

RESTRICTED TO
-

Customer Drawing

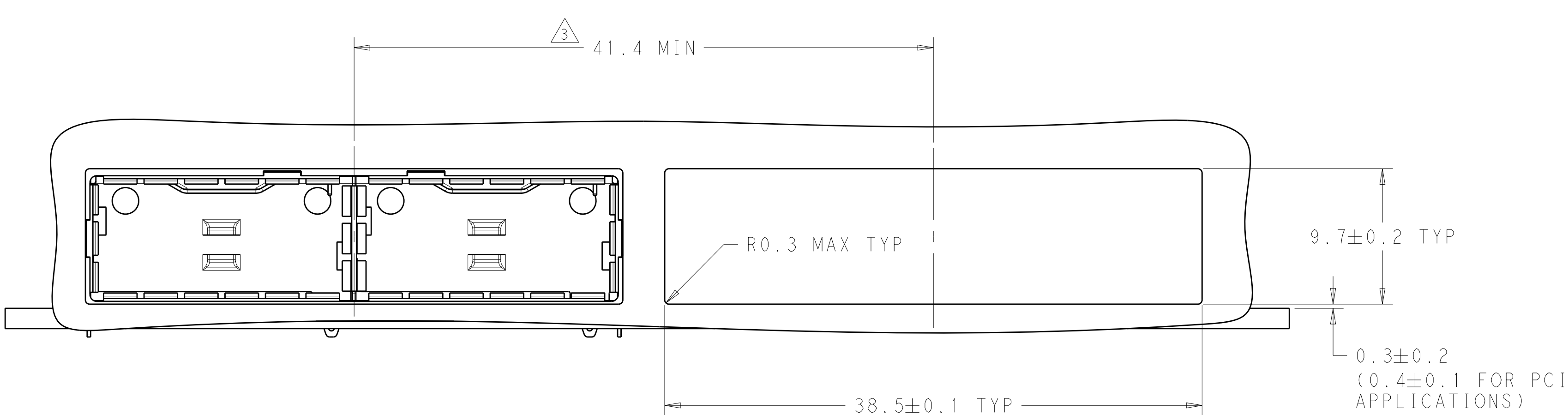
SCALE
4:1

SHEET
2

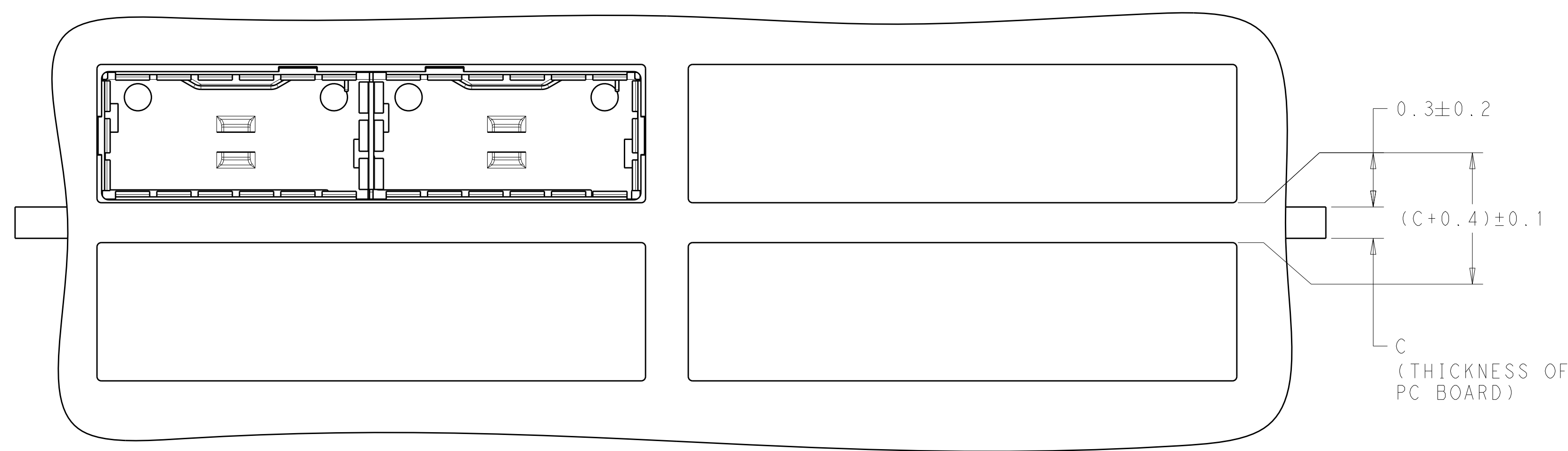
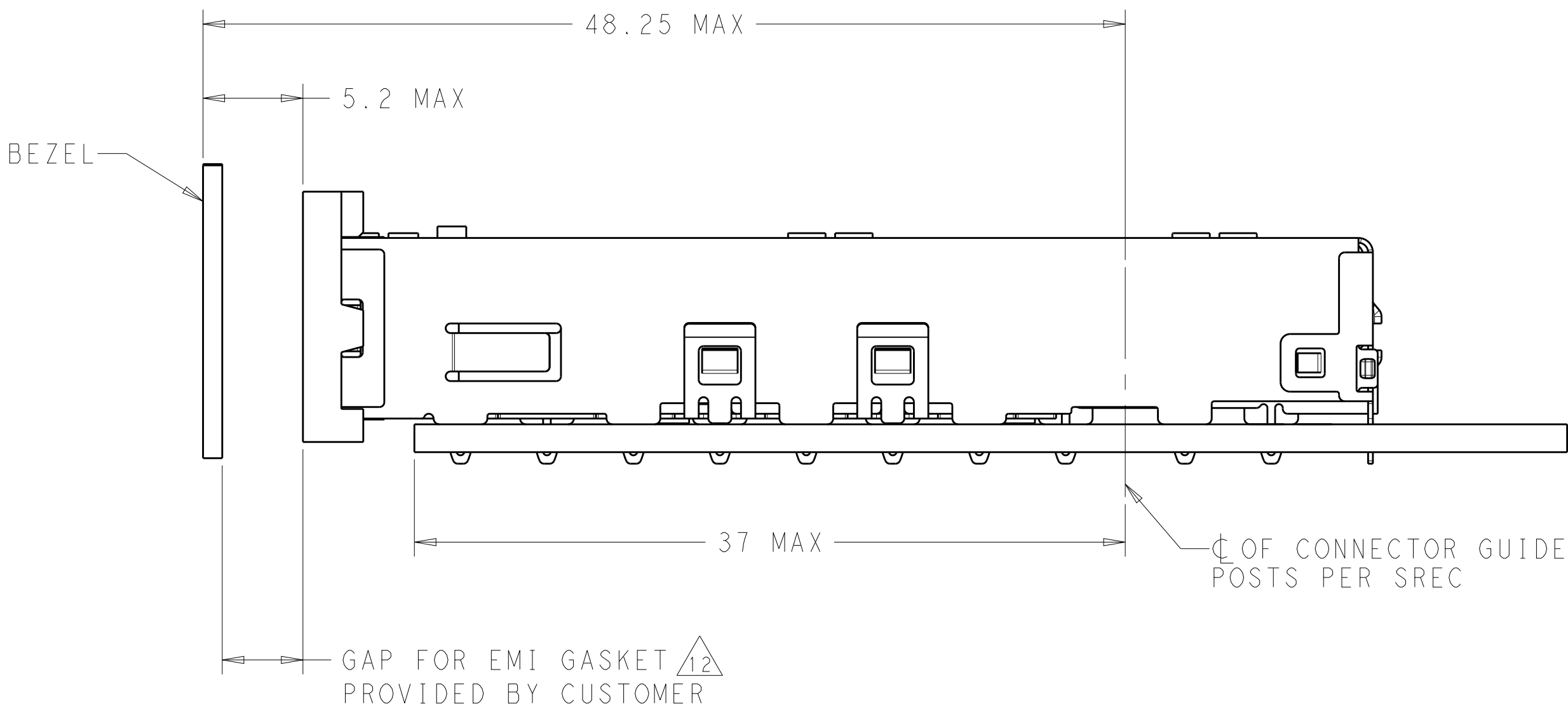
OF
5

REV
C

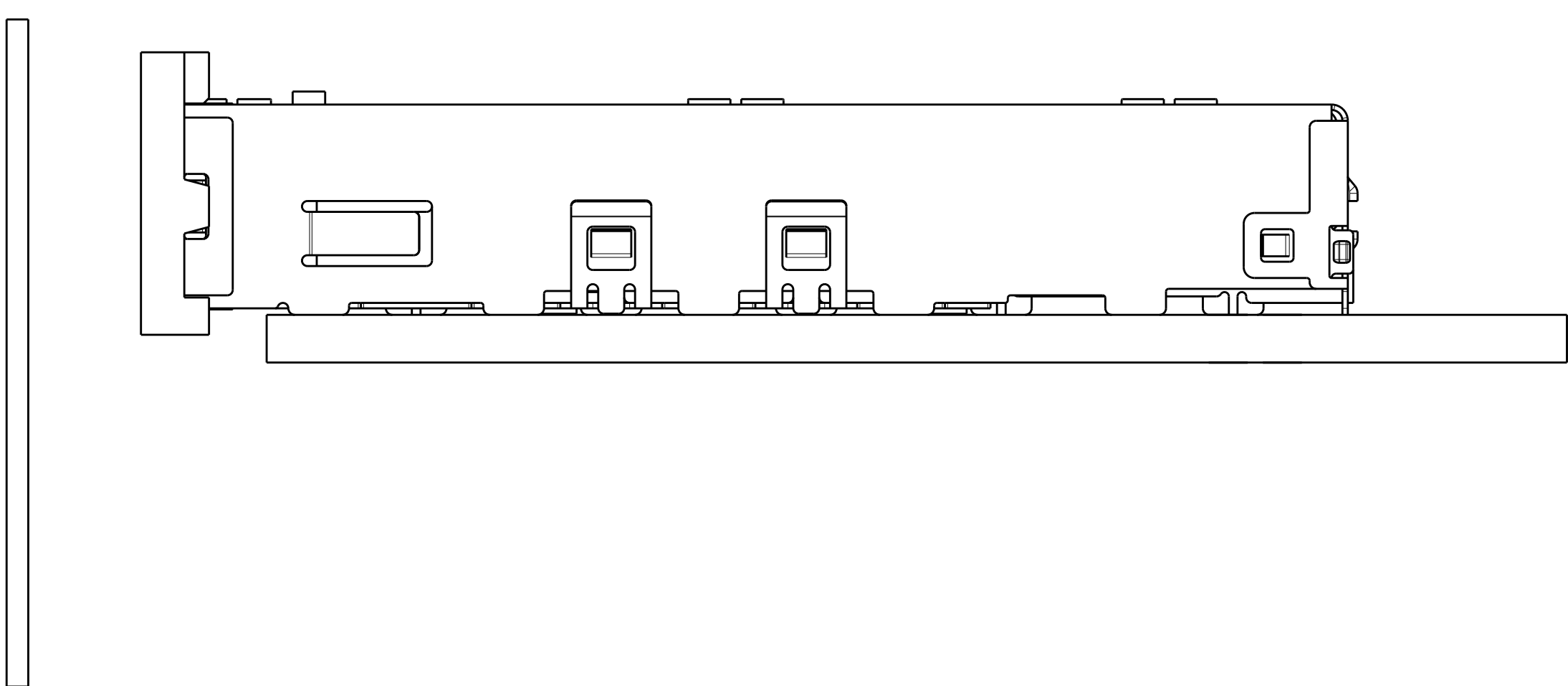
LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



ONE-SIDED CONFIGURATION



BELLY TO BELLY CONFIGURATION SIMILAR TO ONE SIDED EXCEPT WHERE NOTED



THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN C. VALENTINE 22FEB2013	TE Connectivity	
DIMENSIONS:		CHK E. BRIANT 22FEB2013	NAME 1X2 CAGE ASSEMBLY, BEHIND BEZEL, QSFP28	
mm		APVD F. BRIANT 22FEB2013	SIZE A100779	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-19428	CAGE CODE C=2227104	
0 PLC $\pm .5$		APPLICATION SPEC 114-32023	DRAWING NO Customer Drawing	
1 PLC ± 0.13		WEIGHT -	RESTRICTED TO -	
2 PLC ± 0.13			SCALE 4:1	
3 PLC ± 0.013			SHEET 3 OF 5	
4 PLC ± 0.0001			REV C	
ANGLES $\pm .0001$				
FINISH				

